

Appl. No. 10/606,319
Amendment Dated 4/28/2006

Attorney Docket No.: DN 97-014 D1

Listing of Claims:

1. (currently amended) A method of producing an ~~antiblock agent consisting essentially of a~~
polyolefin film comprising the steps of:
effectively surface treating an inorganic mineral[[s]] ~~wherein the inorganic mineral is~~
selected from the group consisting of talc, calcium carbonate, precipitated calcium
carbonate, clay, and silica, with from about 0.1 percent to about 10 percent by weight
~~antiblock agent of a silane to produce an antiblock agent that adsorbs substantially reduced~~
~~process aids in a polyolefin film;~~
adding from about 0.1 percent to about 1.0 percent by weight of the antiblock agent to a
mixture comprising a polyolefin resin; and
extruding the mixture to form a polyolefin film.
2. (canceled)
3. (currently amended) The method of [[C]]claim 1 wherein the inorganic mineral is talc.
4. (canceled)
5. (canceled)
6. (currently amended) The method of [[C]]claim 1 wherein the silane is selected from the group
consisting of octyltriethoxysilane, triamino functional silane, and Bis-(gamma-
trimethoxysilylpropyl) amine.
7. (currently amended) The method of [[C]]claim 6 wherein the silane is Bis-(gamma-
trimethoxysilylpropyl) amine.

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8. (canceled)

9. (currently amended) The method of ~~[[C]]~~claim 6 wherein the silane has a structural formula of SiR_4 , where R is a functionalized alkyl group or functionalized alkoxy group.

10-12. (canceled)

13. (currently amended) The method of ~~[[C]]~~claim ~~[[12]]~~ 3 wherein the talc is preferably treated with from about 0.1 percent to about 2.0 percent, based on weight of inorganic mineral of the silane.

14-29. (canceled)

30. (currently amended) A composition comprising a polyolefin resin and from about 0.1 percent to about 1.0 percent by weight of an antiblock agent comprising an inorganic mineral eere
component selected from the group consisting of talc, calcium carbonate, precipitated calcium carbonate, clay, and silica and a surface treating component selected from the group consisting of surface treated with from about 0.1 percent to about 10 percent, based on the weight of the
inorganic mineral, of a silane to produce an antiblock agent that adsorbs substantially reduced
process aids.